BTA Stripping Foils 2007

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Table 1: BTA Foils mounted on 17 August 2007

Holder	Foil Material	Δt	Δx	Status
1	Empty	Inches	mg/cm^2	Unchanged
2	Carbon	.003	13.9	Unchanged
3	Al and C	$A + c$	$6.42 + 8.68$	New
4	Carbon	.005	23.1	Unchanged
5	Carbon	.005	23.1	Unchanged
6	Al and C	$A + c$	$6.45 + 8.39$	New
7	Al and C	$A + c$	$6.35 + 8.48$	Unchanged
8	Carbon	$C + c$	24.7	Unchanged

Here A is the thickness of "Heavy Duty" Renolds Wrap; $C = 100$ μm and $c = 60$ μm are the thicknesses of the Glassy Carbon foils; Δt is the foil thickness and Δx is foil surface density. In holders 3, 6, and 7, the Aluminum foil is mounted upstream of the Glassy Carbon foil. Peter Thieberger mounted the foils on holders 3, 6, 7, and 8. Before mounting them he measured their dimensions and weighed them to obtain the surface densities given in the Table.

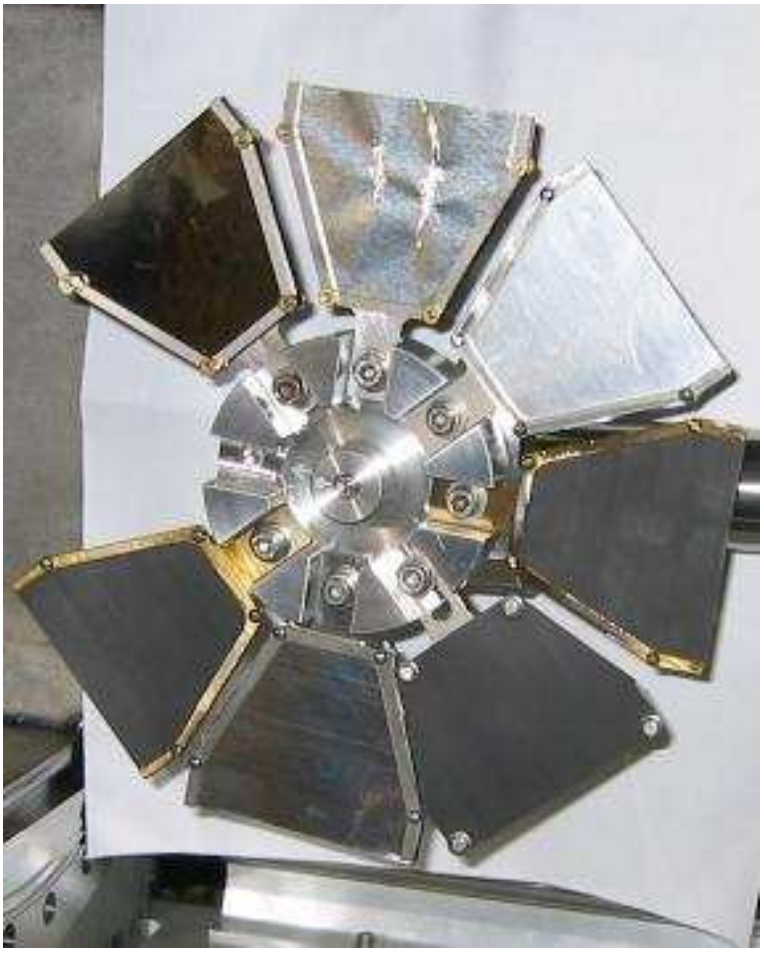

Figure 1: BTA Foils mounted on 17 August 2007. The beam direction here is into the picture. Holder 2 is just below the empty slot. Holders 3 through 8 follow consecutively going counter-clockwise from Holder 2.

Figure 2: BTA Foils mounted on 17 August 2007. The beam direction here is coming out of the picture. Holder 2 is just below the empty slot. Holders 3 through 8 follow consecutively going clockwise from Holder 2.